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(71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).

(71) Applicant (for all designated States except DE, US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BONTUS, Claas

[DE/DE]; Philips Intellectual Property & Standards GmbH, Weiss hausstr. 2, 52066 Aachen (DE). KÖHLER, Thomas [DE/DE]; Philips Intellectual Property & Standards GmbH, Weiss hausstr. 2, 52066 Aachen (DE).

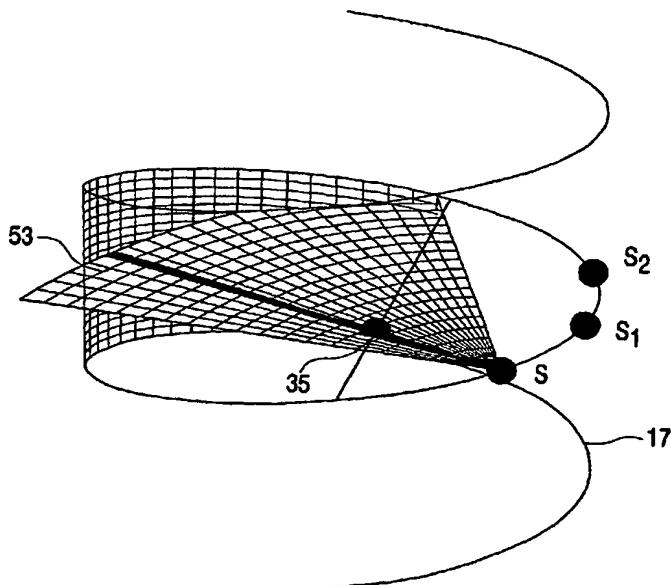
(74) Agent: MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weiss hausstr. 2, 52066 Aachen (DE).

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(54) Title: METHOD AND APPARATUS FOR EXACT CONE BEAM COMPUTED TOMOGRAPHY



WO 2004/044849 A1

(57) Abstract: The invention relates to a computed tomography method in which an examination zone is irradiated along a helical trajectory by a conical radiation beam. The radiation transmitted by the examination zone is measured by means of a detector unit and therefrom the absorption distribution in the examination zone is reconstructed without approximations. The reconstruction comprises a derivation of the measuring values of parallel rays of different projections, an integration of these values along K lines, a weighting of these values and a back projection.